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County Council of the County of Lanark
EDUCATION COMMITTEE

FORTY-NINTH
ANNUAL REPORT

ON THE
MEDICAL INSPECTION,
SUPERVISION, AND TREATMENT
OF SCHOOL CHILDREN

1958-60



**County Council of the County of Lanark
EDUCATION COMMITTEE**

**FORTY-NINTH
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ON THE
MEDICAL INSPECTION,
SUPERVISION, AND TREATMENT
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COUNTY COUNCIL OF THE COUNTY OF LANARK

TO THE CHAIRMAN AND MEMBERS OF
THE EDUCATION COMMITTEE.

I submit the Annual Report on the School Health Service in your administrative area for the years ending 31st July, 1959 and 31st July, 1960, prepared in accordance with the terms of D.H.S. Circular No. 60/1938 and amending Circulars.

I. C. MONRO,
Chief Executive School Medical Officer.

SCHOOL MEDICAL DEPARTMENT,
COUNTY HEALTH OFFICES,
HAMILTON, *March, 1961.*

STAFF

**County Medical Officer and
Chief Executive School Medical Officer.**

I. C. MONRO, M.D., D.P.H.

Senior Assistant Medical Officer of Health (Schools).

D. MACLEOD, M.B., Ch.B., D.P.H.

Assistant School Medical Officers.

- (1) JANET M. BRUCE, M.B., Ch.B.
GEORGE CASSIE, M.B., Ch.B., D.P.H.
JANET B. CUNNINGHAM, M.B., Ch.B., D.P.H.
ALEX. C. DOUGLAS, M.B., Ch.B., D.P.H.
E. MARGARET HISLOP, M.B., Ch.B.
HELEN R. T. HOOD, M.B., Ch.B., D.P.H.
- (2) RODERICK MacLENNAN, L.R.C.P., L.R.C.S., L.R.F.P.S.,
D.P.H.
RUBY McMILLAN, M.B., Ch.B., D.P.H.
MARION A. PRENTICE, M.B., Ch.B.

Part-time Ophthalmic Surgeons.

- SAMUEL GALBRAITH, M.B., Ch.B., D.O.M.S.
JAMES HILL, M.B., Ch.B., D.O.M.S.
THOMAS K. HOWAT, M.B., Ch.B., D.T.M. & H., D.O.
ALFRED G. SHANKS, M.B., Ch.B., D.P.H., D.O.M.S.
JAMES WINNING, L.R.C.P., L.R.C.S.Ed., L.R.F.P.S.

Part-time Ear, Nose and Throat Specialist.

W. G. McGILLIVRAY, M.B., Ch.B., F.R.C.S.

Nurses.

- | | |
|------------------------|--------------------------------|
| JESSIE McK. BLACK. | (3) CHRISTINE McCUBBIN (Temp.) |
| ROSEMARY CAROLAN. | EUPHEMIA McDougall. |
| MARGARET COCKBURN. | MARY McDONALD. |
| ANNIE D'AMBROSIO. | (4) MARGARET McFADDEN. |
| RACHEL DOBIE. | SUSAN McFADYEN. |
| ANNIE N. DOUGLAS. | (5) JEAN McFARLANE. |
| ADA FOWLIE. | EMILY McGEE. |
| ISABELLA HAMILTON. | MARGARET S. M. MCKINNON. |
| JESSIE HIGGINS. | (6) HELEN PARK. |
| MARIA HUGHES. | HELEN PENRICE. |
| RUTH HUNTLEY. | ANN A. PRENTICE. |
| CATHERINE C. JOHNSTON. | JEANIE M. REICHERT. |
| MARY W. JOHNSTON. | MARGARET RIDDELL. |
| JANE KENNEDY. | ANNIE I. SORLEY. |
| CATHLEEN LENAGH. | MARY WALLACE. |
| MARIE MANSON. | MARY L. WATSON. |

Clerical Staff.*Section Officer*—MARK ALLAN.

MARGARET B. CHARLESTON	(8)	CATHERINE RANKIN (Temp.) (Temp.)	FIONA SPROT.
MARGARET W. C. FREW.			ELIZABETH C. WILSON.
BRUCE HENDRY.		(9)	JOHN WOODS.
AGNES McI. G. MOFFAT.		(10)	JESSIE D. WHYTE.
(7) GORDON MURDOCH.			

- (1) Transferred from County Health Department 1/9/58.
- (2) Transferred from County Health Department 1/9/58.
- (3) Appointed 30/9/58.
- (4) Resigned 14/11/59.
- (5) Appointed 1/9/58.
- (6) Resigned 17/9/59.
- (7) Resigned 28/8/58.
- (8) Resigned 19/4/60.
- (9) Appointed 15/8/58.
- (10) Appointed 15/8/58. Resigned 20/11/59.

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INTRODUCTORY STATEMENT ON ANNUAL REPORT.

The volume in your hands covers two sessions and outlines the full range of school health activities.

Many Health Services completing fifty years of work are taking a reflective survey over a period of service which has moved from defect finding to wider aspects of preventive medicine, and through the era of the handicapped to the task of health promotion—a logical and satisfactory sequence.

During the two years under review, *routine medical inspection* has remained the back-bone of the service. Considerable discussion is now taking place on whether we can relieve staff from this duty for more specialised work. The Department of Health is leaving us free to experiment with other methods, but here in Lanark we have adhered meantime to the prescribed age groups, namely, children of 5 years, 9 years, 13 years and 16 years. A large proportion of the defects found in routine examination come into the group from which complete recovery can be anticipated within a number of weeks. Were these not notified and followed up, we can be sure that the more chronic defects would rise to a higher figure than the under 2 per cent at which they now stand.

During the year 1959, a survey of five hundred school leavers was carried out in conjunction with the Department of Health. The five hundred were children who had received all their school medical examinations and they were examined under ideal conditions by three Consultants. The results are still being compared and we are sure that the findings will be valuable.

Under Findings of Medical Inspection, you will note low percentages of many notified defects, but other conditions such as uncleanliness, diseases of the nose and throat, visual defects, mental and nervous conditions, lung conditions and deformities all indicate conditions which must be dealt with early and corrected, preventing more permanent consequences in later life.

In our Minor Ailments treatment work figures are decreasing. More children, rightly, are being treated out of school hours by family doctors under the National Health Service.

The medical inspection suites in the new schools are a great advance ; in these schools we are able to have conditions which are more suitable for doctor and child and where better standards of work can be achieved. Home health visiting is receiving more time and so also are problem families.

The second main part of the work of our Section is that dealing with *children with handicaps* of the various classes. The work of the special schools and provision made within and outwith the County for the ten various groups of handicapped children is now well-known. Each case demands and receives careful ascertainment and constant supervision and much time is spent dealing with parents' difficulties in these matters.

A development of considerable importance took place in the opening during the winter of 1958-59 of the County Cerebral Palsy Unit as an addition to Auchinraith Special School. The general purpose of the Unit is the reception of cases of cerebral palsy for screening and ascertainment from a wide area of the County. Within that purpose the Unit has three functions, namely, the ascertainment of educability of the pre-school cerebral palsied child, the treatment of spasticity, and the nursery education of both pre-school and primary school children suffering from this disability. Under the general direction of Miss Smith, Headmistress of Auchinraith School, the Unit provides Nursery School teaching, Play Instruction, Speech Therapy and Child Guidance assessment. The School Health Service provides a Medical Officer, Health Visitor, Physiotherapists and arranges for advice from Orthopaedic Surgeons, Neurologist, Paediatrician and other Medical Specialists. Each child remains in the Unit as a day pupil for as long as is necessary to complete the ascertainment and then the pupil is transferred to the part of the educational system where adequate educational treatment for him or her can be secured. Children are brought by transport from areas as far from Auchinraith as 10-15 miles.

We are particularly glad that handicaps are now receiving increased attention at the pre-school stage and, thanks to Dr. Margaret Scott, Senior Medical Officer, Child Welfare Service, children with handicaps are being passed regularly to us by the County Child Welfare Medical Officers and Health Visitors as well as being picked up by the Attendance Officers.

Collaboration with family doctors is increasing and pre-consultation on special cases has been successful. The various services offered by the Local Authority are appreciated.

We are now doing a substantial amount of audiometric testing of entrant school children and selected cases. This will be seen from the report.

The third objective of school health work is that of *promotion of health* and Dr. MacLeod was able when travelling North on

summer leave to look in on some of the holiday camps outwith the County, especially those at Monifieth, Whitehills, Portsoy, Portessie, Findochty and Moray Sea School. The regular hours, good food and the open air life were producing good results in general well-being, not to speak of improvement in personal hygiene. He found the pupils enjoying excellent conditions and a first rate holiday and we trust that these camps will remain a permanent feature for children from congested areas who require building up under the best conditions. This sort of thing, with sport, playing fields, milk in schools, etc., lines up with the true end of our work—the promotion of health.

During these two years we have carried out the essentials of the yearly programme prescribed by the Department of Health. At Headquarters, the pressure of day to day work has prevented us from being present in parts of the field where we should have welcomed opportunities to re-examine the facts and improve conditions, but this situation promises to be relieved by future re-adjustments of the Service.

Our task must deal with the whole child—physical, mental and spiritual and as doctors, I believe, we play a daily part in each of these fields. Only out of the common participation between Medicine and Education in the integration of the whole person will the healthy and sound citizenship of the future emerge.

I would like to say how grateful I am, once more, for the services of the School Medical Officers on the statistical work of the report and also for the great help of our School Health Service clerical section. I am also grateful for the teamwork which exists with all the Director of Education's various sections. Without this our work output would be slowed down. I value, too, the personal interest shown by the Chairman and members of the Committee.

Throughout the Report where two figures are given the figures in italics are for 1958-59 and the figures in roman are from 1959-60.

**REPORT on the MEDICAL INSPECTION, SUPERVISION
and TREATMENT of SCHOOL CHILDREN in the
COUNTY OF LANARK for the years ended 1958-59 and
1959-60.**

1. LIST OF STAFF.

The personnel of the medical, nursing and clerical staffs is shown on page 4 of the Report.

Members of the dental staff are shown on page 29.

Changes in personnel occurring since the last Report was compiled are also indicated.

2. GENERAL STATISTICS.

The number of schools in the education area is as follows :—

		1958-59	1959-60
(a)	Primary }	242	243
(b)	Junior Secondary }	16	16
(c)	Secondary...	9	9
(d)	Special Schools	2	2
(e)	Nursery Schools	4	4
(f)	Technical Colleges	1	1
(g)	Agricultural College	100,362	102,177
*Number of children on school registers		91,395	94,082
Number of children in average attendance		Population of the area	
		(estimated 1958)—558,600.	
		(estimated 1959)—563,830.	

* The figures are taken from the official return for June, 1959 and 1960.

3. SANITARY CONDITIONS OF SCHOOLS.

Inspection of the school buildings as well as the examination of the pupils is an important part of the routine of School Medical Officers in their visits to schools.

During these two years many new schools have been built and all of them have indoor lavatories, wash-hand basins and medical suites of a modern type.

Much renovation work has also been carried out in older buildings, and representations have been made in many cases to the Education Authority on existing defects.

Work on new schools and extensions completed appear from time to time in monthly Minutes.

4. ORGANISATION AND ADMINISTRATION.

A. SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT.

Medical examinations remain the source of our information regarding details of the health of children at school. Each pupil is required to present himself or herself for examination at the age of 5, 7, 9, 13 and 16 years. During the years under review, therefore, those examined were children born in :—

1958-59	1959-60
1953	1954
1949	1950
1945	1946
1942	1943
1951	1952 (vision and hearing only).

About 50% of all school entrants examined revealed defects of one type or another. Many of these defects are speedily remediable, but could develop into more serious conditions if not dealt with at an early stage and followed up to avoid recurrence.

Classroom inspection at the end of a visit is now a regular feature which yields valuable information and allows the School Medical Officer to cover all defects over the whole school during the annual visit.

Headmasters and teachers are requested to bring to the notice of the Doctor for special examination any child whose condition gives cause for anxiety.

As observed in previous reports parents accompany the child at the five year old age group, but interest appears to have waned by the time the later examinations are carried out. In many cases children themselves, in the later age groups, prefer not to be accompanied by their parent !

Many special examinations, for example, pre-apprenticeship school attendance, Remand Home, examinations for special schools, come within our scope and will be detailed in later sections of the Report.

Minor ailments treatment is still required, but has considerably decreased since the advent of the National Health Service. Attendances at treatment clinics during these years as has been said tended to decrease.

Special visits were made to carry out immunisation for diphtheria in schools.

Pupils suffering from serious conditions, such as epilepsy, anaemia, rheumatism, orthopaedic defects, etc., receive considerable attention through family doctor, Consultant or Hospital.

B. SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT.

The report of the Chief Dental Officer appears in Section 7, page 00.

C. SCHOOL NURSING AND ARRANGEMENTS FOR " FOLLOWING-UP. "

The duties of the Nursing Staff are divided and consist of home visiting, medical inspections in schools and treatment in school clinics.

Nurses must be, according to the needs of the Service, mobile from one duty to another and from one area to another, but their duties are for the most part fixed, for continuity, in one area and with one particular Area Medical Officer.

HOME VISITING.

During home visiting children with defects notified at school examinations are followed up, health education given, problem families assisted and innumerable minor matters attended to.

AT MEDICAL INSPECTION NURSES

Undress and dress children for examination.

Weigh and measure.

Examine for dirty, soiled clothing and vermin.

Assist with visual test.

Help with record keeping and records disposal, also notification of parents.

Undertake regular visitation of schools as time permits and follow-up of defects and cleanliness inspections.

ON THE TREATMENT SIDE NURSES' DUTIES CONSIST OF :—

Duties at Minor Ailments Clinics.

Scabies clinics.

Ultra-violet ray.

Visual Clinics.

E.N.T. Clinics.

Tonsils and Adenoids operations.

Special School (minor ailments clinics).

Regular visits to schools for discovering verminous cases and minor ailments requiring treatment.

Follow-up of defaulters.

Home visits to special cases.

Special visits to schools at the request of staff.

General follow-up of notified defects.

D. CO-ORDINATION WITH PUBLIC HEALTH SERVICES.

We would record our satisfaction that links with the Public Health Services of the County and Burghs have been maintained as follows :—

Notification and control of infectious disease in schools.

The common use of Clinics.

Examination of child contacts of T.B. cases.

X-ray examination of chest conditions in school children.

Contacts between Nursing Staffs.

Treatment of scabies and verminous states.

U.V.R. treatment.

X-ray treatment of ringworm of scalp.

Other common administrative activities.

E. CO-OPERATION WITH VOLUNTARY BODIES AND OTHER OUTSIDE AGENCIES.

Here we wish to express renewed appreciation of the help of the R.S.P.C.C., The Girl Guides Association, the Red Cross Society and the St. Andrew's Ambulance Association.

F. CO-OPERATION WITH TEACHERS AND PARENTS.

For School Medical Officers to carry out their duties effectively the co-operation of parents, teachers and other medical workers is essential.

On a school visit the Medical Officer makes contact with the Head of the school and discusses the proposed arrangements for the management of his inspection.

During and after the medical inspection, Headmaster and individual teacher meet the Medical Officer and discuss health problems. These discussions are fruitful for both educational and medical staffs and result in much effective action in the interest of the pupils.

Parents accompany their five-year olds to the first routine inspection, but tend to absent themselves at later examinations, unless there is some specific condition which they are anxious about. At Minor Ailment Clinics they frequently attend with their children for special treatment.

Parent-Teachers Association meetings are addressed by our staff when requests are made and we welcome such requests. We are also glad of the occasional special conference where medical officers and teachers can confer on subjects regarding child health.

5. FINDINGS OF MEDICAL INSPECTION.

As already stated, routine medical examination takes place on four occasions during each child's school life, namely :—

- (1) On admission to school.
- (2) During the last year of attendance at the Primary School.
- (3) At the age of 13 and 14 years.
- (4) During the last year of a secondary school.

These examinations form the basic source of our information regarding each pupil's health and the year groups to be examined are fixed by the Secretary of State under the Education Act, 1946. Results of these investigations are entered on the pupil's medical record card and are before the School Medical Officer for comparison at each subsequent examination. In this way defects are discovered, dealt with, checked and followed up at appropriate intervals.

Frequent contact is made with the family doctor on individual cases presenting special features. Absentees are followed up.

Table I(A) provides details of the numbers of children examined in the various age groups. These numbered in all 25,659-27,715 and their school health record reveals the findings, which are detailed in the following pages.

Table I(B) gives the number of special (non-routine) cases examined at school 2,858-2,383 and those re-examined by the doctors at their subsequent visits 1,120-589. From this Table also it will be seen that 3,855-4,393 pupils were notified to their parents as suffering from conditions requiring treatment.

These conditions are shown in Table II where each age group is noted separately.

The following Table shows the average heights and weights of school children in the County and gives satisfactory evidence of high standards:—

AVERAGE HEIGHT IN INCHES.

AGE	$5\frac{1}{2}$		$9\frac{1}{2}$		$13\frac{1}{2}$		$16\frac{1}{4}$	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Anthropometric Committee's Standard	... 41.2	41.0	51.9	51.2	56.6	57.8	64.3	61.8
County of Lanark	... 43.2	43.4	52.3	52.0	61.7	61.6	66.9	63.6
1958-59	... 43.6	43.2	52.7	51.9	61.2	61.1	68.0	63.8
1959-60	... 43.6	43.2	52.7	51.9	61.2	61.1	68.0	63.8

AVERAGE WEIGHT IN LBS.

AGE	$5\frac{1}{2}$		$9\frac{1}{2}$		$13\frac{1}{2}$		$16\frac{1}{4}$	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Anthropometric Committee's Standard	... 40.5	40.0	64.9	59.3	82.6	87.0	119.0	112.7
County of Lanark	... 42.9	43.1	64.3	64.5	103.1	104.4	132.4	120.6
1958-59	... 43.7	41.9	65.0	63.8	102.3	103.7	134.0	118.2
1959-60	... 43.7	41.9	65.0	63.8	102.3	103.7	134.0	118.2

Condition of Clothing.—The number of children found at routine inspection who had defective clothing was 124-144 boys and 136-133 girls, a total of 260-277 or a decreased percentage of 1·01-0·99.

Number of children examined	...	...	25,659	27,715
Number with defective clothing	...	...	260	277
Percentage	...	...	...	1·01 0·99
Number of special cases found defective	...		83	54

Footgear unsatisfactory.—Poor conditions of footgear showed an increase in 1959-60 ; 32-36 boys and 9-18 girls, a total of 41-54 was recorded as having defective footwear :—

Number of children examined	...	...	25,659	27,715
Number with defective footwear	...	...	41	54
Percentage	...	...	...	0·16 0·19
Number of special cases found defective	...		7	7

Uncleanliness of Head.—This is divided into three categories—nits present, lice present and simple dirtiness. The total of these

three groups was 1,284-1,663 ; 236-392 boys and 1,048-1,271 girls or a percentage of 5·0-6·07. This shows an increase in 1959/60.

Details of each group are as follows :—

		<i>Number of children examined</i>	<i>Number with Nits</i>	<i>Percentages</i>	<i>Special Cases</i>
1958-59	...	... 25,659	1,210	4·76	529
1959-60	...	... 27,715	1,543	5·64	555
			<i>Lice present</i>		
1958-59	...	... 25,659	63	0·24	63
1959-60	...	... 27,715	102	0·37	48
			<i>Dirty only</i>		
1958-59	...	... 25,659	11	0·04	3
1959-60	...	... 27,715	18	0·06	2

Uncleanliness of Body.—Is divided into three groups as in Uncleanliness of Head, i.e., nits present, lice present and simple dirtiness. 87-121 boys and 67-53 girls were recorded, a total of 154-174 or 0·60-0·62 per cent.

		<i>Number of children examined</i>	<i>Number with Nits</i>	<i>Percentage</i>	<i>Special Cases</i>
1958-59	...	... 25,659	4	0·015	Nil
1959-60	...	... 27,715	4	0·01	3
			<i>Lice present</i>		
1958-59	...	... 25,659	—	—	Nil
1959-60	...	... 27,715	—	—	1
			<i>Dirty only</i>		
1958-59	...	... 25,659	150	0·58	24
1959-60	...	... 27,715	170	0·61	23

Disease of the Skin.—Under this group heading are included diseases of the skin of the head and body. The total number of children suffering from diseases of the skin of the head was 90-88 ; 47-43 boys and 43-45 girls, a decreasing percentage of 0·35-0·32. They are classified as (1) ringworm, (2) impetigo and (3) other diseases.

(1)	Number of children examined	...	25,659	27,715
	Number of children with ringworm of the head	...	...	—
	Percentage	...	...	—
	Special cases found affected	...	1	1

The total number affected in 1958-59 was 3 compared with 3 in the previous year. In 1959-60 there was 1.

(2)	Number of children examined	...	25,659	27,715
	Number with impetigo (head)	...	23	24
	Percentage	...	0.09	0.09
	Special cases found affected	...	16	8

These figures show a decrease in impetigo. The total of 39 in 1958-59 compares with 48 in the year previous and decreases to 32 in 1959-60.

(3) Other diseases of the Head includes all other diseases of the head except ringworm and impetigo.

Number of children examined	...	25,659	27,715
Number found affected	...	...	65
Percentage	...	...	0.25
Special cases affected	...	...	16

Diseases of the Skin of the Body.—Are divided into ringworm and impetigo, scabies and other diseases. The total number affected was 1,101-1,576 ; boys 587-836, girls 514-740 or a percentage of 4.29-5.68.

	...	...	Number affected with Ringworm	Number of children examined	Percentage	Special Cases
			3	25,659				
1958-59			5	27,715	0.02	—		
	...	...	Number affected with Impetigo		0.11	23
			30	25,659				
1959-60			29	27,715	0.10	21		
	...	...	Number affected with Scabies		0.18	27
			46	25,659				
1958-59			48	27,715	0.17	14		
	...	...	Number with other Diseases		3.98	208
			1,022	25,659				
1959-60			1,494	27,715	5.39	242		

These figures show a decrease in ringworm. Scabies continues to show an increase. 73 in 1958-1959 being recorded as against 46 in 1957-58. The figures for other diseases of the skin of the body are less in 1958-59, viz. : 1,230 compared with 2,023 last year.

Malnutrition.—Is of two degrees, (1) slight and (2) bad. During 1958-59, 193 children were recorded as suffering from slight malnutrition, but the figure increased to 199 in 1959-1960. The number of cases of more marked malnutrition recorded was 4-3, giving a total number under the general heading of malnutrition of 197-202, or a percentage of 0·76-0·73. The number of children recorded for slight malnutrition was 193-199 or a percentage of 0·75-0·72. Those suffering from more marked malnutrition number 4-3, a percentage of 0·01-0·01.

Details given below :—

			Number of children examined	Number found suffering from slight malnutrition	Percentage	Special Cases
1958-59	...	...	25,659	193	0·75	8
1959-60	...	...	27,715	199	0·72	9
				Number with malnutrition		
1958-59	...	...	25,659	4	0·01	1
1959-60	...	...	27,715	3	0·01	—

Oral Sepsis.—159-341 boys and 143-315 girls, or a percentage of 1·17-2·36 were recorded as suffering from septic conditions of the mouth.

Number of children examined	...	...	25,659	27,715
Number affected	...	...	302	656
Percentage	...	...	...	1·17 2·36
Special Cases	...	...	3	8

Diseases of the Naso-pharynx.—These include diseases of the nose—totalling 1,507-1,688 ; boys 854-960, girls 653-728 or a percentage of 5·86-6·07. Diseases of the throat—total 3,191-3,521 ; boys 1,478-1,612, girls 1,713-1,909 or a percentage of 12·45-12·73 and diseases of glands—total 1,446-1,794 ; boys 746-988, girls 700-806 or 5·63-6·46 per cent. The total number of all three categories was 6,144-7,003 or 23·94-25·26. Below is a tabular statement :—

Condition	Number examined	Number found defective	Percentage	Special Cases
1958-59 Nasal conditions for observation	25,659	944	3·67	15
1959-60 Nasal conditions for observation	27,715	1,057	3·80	21
1958-59 For treatment (Adenoids)	25,659	152	0·59	22

<i>Condition</i>	<i>Number examined</i>	<i>Number found defective</i>	<i>Percentage</i>	<i>Special Cases</i>
1959-60 For treatment (Adenoids) ...	27,715	187	0·68	30
1958-59 Other conditions of Nose	25,659	411	1·60	44
1959-60 Other conditions of Nose	27,715	444	1·59	70
1958-59 Tonsils for observation	25,659	2,399	9·36	36
1959-60 Tonsils for observation	27,715	2,527	9·13	38
1958-59 Tonsils for treatment	25,659	792	3·09	125
1959-60 Tonsils for treatment	27,715	994	3·60	121
1958-59 Glands for observation	25,659	1,425	5·55	7
1959-60 Glands for observation	27,715	1,773	6·39	6
1958-59 Glands for treatment	25,659	21	0·08	2
1959-60 Glands for treatment	27,715	21	0·07	2

External Eye Diseases.—Includes blepharitis, conjunctivitis, corneal opacities, squints and other diseases of the external eye. The total number affected was 1,245-1,396 ; boys 662-718, girls 583-678 or a percentage of 4·85-5·03. Details given below :—

<i>Condition</i>	<i>Number examined</i>	<i>Number found defective</i>	<i>Percentage</i>	<i>Special Cases</i>
1958-59 Blepharitis ...	25,659	531	2·07	113
1959-60 Blepharitis ...	27,715	590	2·13	100
1958-59 Conjunctivitis ...	25,659	76	0·29	37
1959-60 Conjunctivitis ...	27,715	86	0·31	26
1958-59 Corneal Opacities ...	25,659	6	0·02	1
1959-60 Corneal Opacities ...	27,715	6	0·02	—
1958-59 Squints ...	25,659	543	2·16	81
1959-60 Squints ...	27,715	596	2·15	64
1958-59 Other diseases ...	25,659	89	0·35	21
1959-60 Other diseases ...	27,715	118	0·42	61

Visual Acuity.—Is divided into two classes—(1) Those with 6/9 or 6/12 in the better eye with or without glasses. This is termed “fair vision,” (2) Those with 6/18 or worse in the better eye with or without glasses. This is “bad vision.” The number of children in these two categories was boys 669-724, girls 774-867, with a total of 1,463-1,591 or 8·64-8·50 per cent, a continuing and steady incidence.

<i>Visual Acuity</i>	<i>Number of children examined</i>	<i>Number found defective</i>	<i>Percentage</i>	<i>Special Cases</i>
1958-59 6/9 or 6/12 in better eye	*17,045	1,164	6·83	208
1959-60 6/9 or 6/12 in better eye	*18,797	1,249	6·67	158
1958-59 6/18 or worse in better eye	*17,045	279	1·64	80
1959-60 6/18 or worse in better eye	*18,797	342	1·82	79

* Infant and 7-year-old children not included.

The number of children recommended for treatment of errors of refraction was 886-1,133 or 5·2-6·04 per cent.

Ear Diseases.—Are of two categories—(1) otorrhoea, (2) other diseases of ears. The total number recorded was 975-1,124 or an increased percentage of 3·80-4·06. Details are as follows :—

Condition		Number of children examined	Number found affected	Percentage	Special Cases
1958-59	Otorrhoea	... ...	25,659	147	0·57
1959-60	Otorrhoea	... ...	27,715	159	0·57
1958-59	Other diseases of ears		25,659	828	3·23
1959-60	Other diseases of ears		27,715	965	3·49

Defective Hearing.—Is grouped according to severity. Group I includes children with slight deafness. They do not require any special educational treatment. Group 2A are those who need a favourable hearing position in class. Group 2B are those children who require special educational treatment. Group 3 consists of children with severe deafness and serious speech defects (deaf-mutism, etc.). These children require education in special schools for the deaf. The total number of children in four groups was 395-435 ; 223-227 boys and 172-208 girls, or 1·54-1·56 per cent.

Details are given as follows :—

	Number of children examined	Hearing Group	Number found affected	Percentage	Special Cases
1958-59	... *25,659	I	223	0·87	47
1959-60	... *27,715	I	253	0·91	46
1958-59	... *25,659	IIA	167	0·65	37
1959-60	... *27,715	IIA	179	0·64	48
1958-59	... *25,659	IIB	5	0·02	1
1959-60	... *27,715	IIB	3	0·01	1
1958-59	... *25,659	III	—	—	—
1959-60	... *27,715	III	—	—	—

* 7-year-old children not included here but shown separately.

Speech.—Defects are listed in two categories (1) Defective articulation, (2) stammering. The total number of children recorded under these two headings was 279-316, of whom 199-210 were boys and 80-106 were girls. The percentage (steady) of defects was 1·08-1·13.

Condition of Speech	Number of children examined	Number found defective	Percentage	Special Cases
1958-59	Defective articulation	25,659	240	0·93
1959-60	Defective articulation	27,715	269	0·96
1958-59	Stammering	... 25,659	39	0·15
1959-60	Stammering	... 27,715	47	0·17

Mental and Nervous Conditions.—Includes children found by School Medical Officers who are backward, mentally dull, mentally defective but educable, mentally defective ineducable, nervous and unstable and those who exhibit difficult behaviour. The total number of children in these groups was 379-466, or a percentage of 1.47-1.66 of whom 229-274 were boys and 150-192 were girls.

A detailed statement appears below :—

Condition	Number of children examined	Number found defective	Percentage	Special Cases
1958-59 Backwardness	... 25,659	128	0.50	36
1959-60 Backwardness	... 27,715	145	0.52	19
1958-59 Dullness	... 25,659	135	0.53	13
1959-60 Dullness	... 27,715	134	0.48	7
1958-59 M.D. educable	... 25,659	26	0.10	5
1959-60 M.D. educable	... 27,715	32	0.11	3
1958-59 M.D. ineducable	25,659	3	0.01	—
1959-60 M.D. ineducable	27,715	4	0.01	2
1958-59 Nervous or unstable	25,659	65	0.26	9
1959-60 Nervous or unstable	27,715	114	0.41	17
1958-59 Behaviour difficult	25,659	22	0.09	—
1959-60 Behaviour difficult	27,715	37	0.13	3

See Child Guidance figures to complete the above.

Heart Diseases.—Are of three kinds, congenital, acquired and functional. The total number of children affected was 608-790 ; 313-436 boys and 295-354 girls, a continuing percentage of 2.37-2.84. Below is a detailed statement of the incidence of these three groups :—

Condition	Number of children examined	Number found affected	Percentage	Special Cases
1958-59 Congenital Heart	... 25,659	100	0.39	5
1959-60 Congenital Heart	... 27,715	85	0.30	7
1958-59 Acquired Heart	25,659	114	0.45	7
1959-60 Acquired Heart	27,715	142	0.51	9
1958-59 Functional Heart	25,659	394	1.53	6
1959-60 Functional Heart	27,715	563	2.03	8

Lung Diseases.—Includes chronic bronchitis, suspected tuberculosis of lungs and other diseases of lungs. The total number of children affected was 900-919, a percentage of 3.49-3.30 ; 550-554 were boys and 350-365 girls. Below are the details of these three groups :—

Condition	Number of children examined	Number found affected	Percentage	Special Cases
1958-59 Chronic Bronchitis	25,659	24	0.09	2
1959-60 Chronic Bronchitis	27,715	23	0.08	5
1958-59 Suspected tuberculosis	25,659	13	0.05	1
1959-60 Suspected tuberculosis	27,715	17	0.06	1
1958-59 Other diseases of lungs	25,659	863	3.35	24
1959-60 Other diseases of lungs	27,715	879	3.16	24

Deformities.—May be due to congenital causes or they may be acquired as a sequel to infantile paralysis. A number is due to rickets and the remainder to other causes unspecified. The total number of children affected was 482-430, a percentage of 1.87-1.54. Of these 299-291 were boys and 183-139 were girls.

	Condition	Number of children examined	Number found affected	Percentage	Special Cases
1958-59	Congenital deformities ...	25,659	157	0.61	5
1959-60	Congenital deformities ...	27,715	174	0.62	4
1958-59	Acquired deformities due to Infantile Paralysis ...	25,659	47	0.18	5
1959-60	Acquired deformities due to Infantile Paralysis ...	27,715	32	0.11	1
1958-59	Probable Rickets ...	25,659	96	0.37	4
1959-60	Probable Rickets ...	27,715	106	0.38	1
1958-59	Other causes ...	25,659	182	0.71	12
1959-60	Other causes ...	27,715	118	0.43	4

Children of 7 years of age, were examined only for vision and hearing.

The details of this group, in respect of visual defects is as follows:—

The number of children examined was 4,535-4,661 boys and 4,322-4,562 girls, a total of 8,857-9,223. Of these 192-206 had squints, 863-979 had fair vision and 110-153 bad vision. The number recommended for examination for errors of refraction was 680-942 or 7.68 and 10.21 per cent.

		Number examined	Defect	Number found affected	Percentage
1958-59	...	8,857	Squint	192	2.17
1959-60	...	9,223	Squint	206	2.23
1958-59	...	8,857	Fair Vision	863	9.74
1959-60	...	9,223	Fair Vision	979	10.61
1958-59	...	8,857	Bad Vision	110	1.24
1959-60	...	9,223	Bad Vision	153	1.66

Details of the 7 year old children examined for hearing defects are as follows :—

The number of children examined was 8,857-9,223. Of these 300-329 were found to have defects of hearing of varying degree. 191-203 had Grade I hearing ; 108-126 Grade IIA. There was 1-Nil in Grade IIB and none in Grade III. Details as follows :—

		Number of children examined	Grade of defect	Number found affected	Percentage
1958-59	...	8,857	Grade I	191	2.16
1959-60	...	9,223	Grade I	203	2.20
1958-59	...	8,857	Grade IIA	108	1.22
1959-60	...	9,223	Grade IIA	126	1.37
1958-59	...	8,857	Grade IIB	1	0.01
1959-60	...	9,223	Grade IIB	—	—
1958-59	...	8,857	Grade III	—	—
1959-60	...	9,223	Grade III	—	—

Only 10-18 Routine and 2-11 Special cases suffering from infectious diseases were discovered in schools during the years.

Other diseases and defects.—Under this heading are grouped all those diseases and defects found in schools which have not already been mentioned in the preceding paragraphs. They totalled 725-831. Special cases with similar diseases totalled 135-126. The more important of these conditions are recorded below :—

Anaemia 87-137 ; enuresis 203-183 ; rheumatism 19-20 ; obesity 202-235 ; debility 28-41 ; fractures and sprains 22-35 ; goitre 14-9 ; hernia 35-28 ; gastro-intestinal 25-14 ; coeliac disease 3-3 ; chorea 5-3 ; laryngitis, tonsillitis and tracheitis 24-30 ; intestinal worms 4-5 ; hydrocele and varicocele 5-4 ; tumours 19-19 ; Perthe's disease 2-nil ; hirschsprung nil-1 ; kidney conditions 4-12 ; diabetes 3-5.

EXAMINATIONS CONDUCTED BY THE SCHOOL MEDICAL STAFF OTHER THAN ROUTINE SCHOOL EXAMINATIONS.

Special medical examinations in addition to the examination of statutory age groups, are a very substantial addition to our clinical work. Cases of a special nature or with a need for special enquiry are called to a clinic or to headquarters for special interview. In many other cases home visits are paid.

Requests for such examinations come to us from the Director of Education, Heads of Schools, District Committee Clerks, Remand Home, Children's Officers, etc., etc.

A short selection of some of these special groups are as follows :—

- (a) Examination of absentees from schools and irregular attenders. They totalled—1,426-1,578.
- (b) Examination of physically and mentally handicapped children in attendance at the four special schools. They numbered—1,001-1,023.
- (c) Examination of handicapped children for admission to day special school. The numbers were :—
Physically handicapped—56-53.
Mentally handicapped—97-104.
- (d) Children employed under the Employment of Children Act. They number 985-922. The chief employments engaged in are delivery of papers 440-425 ; messages 281-263 ; milk and rolls 264-234.

- (e) Children examined under the Children and Young Persons Act. The majority of these cases were examined at the Remand Home—149-154.
- (f) Students in preliminary training as teachers totalled—nil nil.
- (g) Examinations for admission to the holiday camps and Residential Schools—3,146-3,187.
- (h) Examination of deaf-mute children—2-2.
- (i) Examination of blind children—2-1.
- (j) Examination of necessitous children for the supply of clothing and food. The number granted free boots was 114-60 and clothing was 100-52.
- (k) Special examinations of children at the Minor Ailments Clinics—1,111-1,599.
- (l) Immunisation of school children—5,969-3,030.
- (m) Examination of mental defective children suspect of being ineducable. These totalled 45-52, of whom 11-10 were found to be definitely ineducable and they were reported to the General Board of Control.
- (n) Youth Employment Service—6,217-4,083.

In addition, the following examinations were carried out :—janitors—15-34 ; school cleaners—110-98 ; certificates for Certified Institutions—12-4 ; epileptics for admission to the Colony for Epileptics, Bridge of Weir—1-4 ; teachers 17-14.

6. MEDICAL TREATMENT.

A. MINOR AILMENTS TREATMENT.

It could be considered that treatment which is now free to all under the National Health Service would obviate the need for a service under the Local Health Authority. Experience shows, however, that our treatment services are still in considerable demand and that, in the limited field in which they operate, they fulfil their preventive function in arresting potentially troublesome conditions.

Treatment clinics number twelve main and eleven subsidiary clinics. A mobile clinic serves many of the isolated rural schools.

At the main clinics the total number of children treated was 7,677-9,633 and the number of attendances was 34,085-49,526. At the subsidiary clinics the number treated was 3,875-5,050, involving 15,416-24,666 attendances.

The total for all clinics was 11,552-14,683 with 49,501-74,192 attendances. Four main categories of conditions reported for treatment :—

- (1) Eye conditions treated numbered 964-1,500 and attendances made were 4,986-7,044.
- (2) Skin conditions treated numbered 5,807-7,374 and attendances made were 25,470-38,567.
- (3) Ear diseases treated were 743-610 and attendances made were 2,896-3,224.
- (4) Nasal conditions treated were 155-130 and attendances made were 701-598.

Cleansing of children suffering from verminous conditions was carried out at all clinics. During the past two years 2,765 children were thus treated, of these 602 were boys and 2,163 were girls. After disinfestation supervision is maintained by the nursing staff.

Minor ailments in the special schools are dealt with by the school nurse. Total number of treatments given in special schools was 35,131-31,589.

Other examinations of a special type carried out at the Minor Ailments Clinics during the past two years totalled 2,710.

A tabular statement of the clinics, treatments and attendances is as follows :—

ESTABLISHED CLINICS.

Clinic	Medical Officer	Children treated		Attendances made	
		1958-59	1959-60	1958-59	1959-60
Airdrie ...	Dr. Hood	860	830	4,608	5,020
Baillieston ...	Dr. Cassie	485	504	2,850	3,687
Bellshill ...	Dr. Hislop	430	758	2,496	2,833
Blantyre ...	Dr. Hislop	915	1,165	3,988	4,856
Cambuslang ...	Dr. Cunningham	1,808	2,458	5,536	7,734
Coatbridge ...	Dr. McMillan	810	766	3,637	8,146
Hamilton ...	Dr. Douglas	497	475	3,541	3,813
Larkhall ...	Dr. Douglas	377	368	1,709	2,363
Motherwell ...	Dr. Prentice	340	556	1,437	3,716
Rutherglen ...	Dr. Cunningham	409	630	1,807	3,753
*Shotts ...	Dr. Lindsay	71	62	307	204
Wishaw ...	Dr. Bruce	685	766	2,169	3,399
		7,687	9,338	34,085	49,524

*Conducted by the staff of the County Public Health Department.

SUBSIDIARY CLINICS.

Clinic	Children treated		Attendances made	
	1958-59	1959-60	1958-59	1959-60
Uddingston	82	233
Blackwood	—	137
Lesmahagow	—	102
Carlisle	346	359
Allanton	47	55
Lanark	50	41
Earnock (Hamilton)	100	240
Stonehouse	—	164
Strathaven	848	168
East Kilbride	764	524
Benhar	269	515
Coatbridge (Townhead)	309	333
Mobile Clinic	1,070	2,179
Totals	...	<u>3,885</u>	<u>5,050</u>	<u>15,416</u>
				<u>24,658</u>

Medical Officers of Health of the County and Burghs provide ultra-ray treatment at their clinics.

B. DEFECTIVE VISION AND SQUINT.

Our ophthalmic surgeons continue to deal with the considerable lists of cases submitted to them. Waiting time for new cases and interval between examinations and the provision of spectacles are now reduced to normal. The total number of examinations was 2,978-3,757, re-inspections 5,295-6,129.

The number of spectacles prescribed was 2,310-2,947 and 768-810 children were otherwise treated.

Other eye conditions noted :—

Squint (convergent) 368-492 ; squint (divergent) 14-40 ; squint (alternating) 94-58 ; corneal nebulae and opacities 20-11 ; corneal ulcers 4-1 ; blepharitis and conjunctivitis 20-24 ; choroido-retinal changes (myopia) 19-3 ; optic atrophy 6-7 ; cataract 3-11 ; ptosis 8-8 ; choroido-retinal changes (non-myopic) 4-10 ; nystagmus 20-10 ; coloboma of lens nil-2 ; vitreous opacities nil-1 ; displaced lens nil-1 ; phlyct. conjunctivitis and keratitis nil-2 ; macular perforation nil-2.

C. EAR, NOSE AND THROAT OPERATIVE TREATMENT.

Our School Medical Officers are always on the look-out for ear, nose and throat conditions. Infected, unhealthy tonsils and enlarged tonsillar glands are reported to the ear, nose and throat surgeon who decides whether operative treatment should be carried out.

The number of children operated on at the various centres has been as follows :—

CLELAND HOSPITAL.

		1958-59	1959-60
Number operated on for tonsils and adenoids		445	385
Number treated for ear conditions ...	...	23	23
Number treated for nasal conditions ...		24	26
Number examined and advised no operation needed		25	28

CARNEGIE HEALTH INSTITUTE, MOTHERWELL.

Number operated on for tonsils and adenoids		369	407
Number of attendances made by patients		1,096	1,127

LADY HOME HOSPITAL, DOUGLAS.

Number operated on for tonsils and adenoids		—	—
---	--	---	---

LAW HOSPITAL, CARLUKE.

Number operated on for tonsils and adenoids		461	473
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LOCKHART HOSPITAL, LANARK.

Number operated on for tonsils and adenoids		11	16
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AUDIOMETRIC TESTING.

The County has three pure-tone audiometers and one group audiometer in use. Our senior nurse audiometristian (with her two nurse assistants) gives the following summary of her work :—

SUMMARY OF RESULTS OF AUDIOMETRIC TESTS.

Session 1958-59.

SWEEP TESTED IN SCHOOL.

Group	No. of children listed	No. of children tested	Grade		Grade IIA	Grade IIB	Grade III
			Normal	Defective			
Children born in 1952 ...	3,204	2,870	94.595%	5.40%	2.369%	2.996%	.034%
Children born in 1946 ...	3,139	2,926	93.438%	6.562%	3.212%	3.349%	—
Children born in 1947 ...	65	58	77.586%	22.413%	5.172%	13.793%	3.491%
Children for whom an opinion was asked ...	605	529	51.228%	48.771%	18.525%	28.166%	1.890%
Retest of defective children ...	682	343	54.518%	45.481%	11.285%	15.743%	2.623%
							12.827%
							44
							9

TESTED INDIVIDUALLY AT CLINIC.

Children for whom an opinion was asked ...	355	355	7·042%	92·958%	25	25	25·915%	92	92	65·352%	232	232	1·691%	6	—
Retest of defective children ...		21		—			100%	21	4	19·047%	4	17	80·953%	17	—

SUMMARY OF RESULTS OF AUDIOMETRIC TESTS.

SESSION 1959-60.

SWEEP TESTED IN SCHOOL.

Group	No. of children listed	No. of children tested	Normal	Defective	Grade I	Grade IIA	Grade IIB	Grade III
Children born in 1946 ...	2,946	2,729	91·168%	8·832%	5·276%	3·517%	·036%	—
Children born in 1952 ...	3,440	3,173	89·946%	10·054%	5·042%	4·948%	0·63%	—
Children for whom an opinion was asked ...	448	404	41·336%	58·664%	18·564%	39·356%	·742%	—
Retest of defective children ...	769	288	46·527%	53·473%	14·930%	20·486%	4·513%	13·541%

TESTED INDIVIDUALLY AT CLINIC.

Children for whom an opinion was asked ...	306	306	8·496%	91·504%	26	280	29·738%	91	188	61·437%	188	188	·326%	1	—
Retest of defective children ...		92		—	7	85	7·608%	92	26	28·260%	58	58	63·043%	1	—

D. ORTHOPAEDIC SCHEME.

There were 1,752-1,906 new cases and 4,895-6,636 revisits.

7. DENTAL INSPECTION AND TREATMENT.

STAFF.

Chief Dental Officer.
WILLIAM GIBSON, L.D.S.

Assistant Dental Officers.

- Mrs. MARY H. OWENS, L.D.S.
- Miss MARGARET McDONALD, L.D.S.
- GORDON E. McINTYRE, L.D.S.
- ALEXANDER WESTWOOD, L.D.S.
- Mrs. MARY SPRACKLAN, B.D.S.
- Miss MARGARET McLACHLAN, L.D.S.
- Mrs. AGNES P. THOM, L.D.S.
- Mrs. CHRISTINA M. L. BISSET, L.D.S.
- (a) ANTHONY CHAMBERS, L.D.S.
- (b) Mrs. DOROTHY ARTHUR, B.D.S.
- (c) JOHN FARRELL, B.D.S.
- (d) JAMES YUILL, B.D.S.
- (e) JAMES CLYDE, B.D.S.

Dental Attendants.

- | | |
|--------------------------|----------------------------|
| Miss MARY GOLD | Miss JANET DALY |
| Mrs. MARGARET DICK | Miss MARY NAPIER |
| Miss JANET ESPIE | Miss MONA BOWIE |
| Miss JEAN BUCHANAN | (g) Miss PATRICIA GARDINER |
| (f) Miss MARY McLAUGHLIN | (h) Miss JEAN KELSO |
| Miss VIOLET BAXTER | (i) Miss MARLENE WILSON |
| Miss ISOBEL THOMSON | (j) Miss MARLENE BOLE |
| Miss ELIZ. ROBERTSON | (k) Miss JANET VANCE |

Dental Technicians.

- Senior Technician in Charge*—HENRY DICK (l)
- Senior Technician*—ROBERT F. NEIL
- Technician*—WILLIAM C. A. PARIS
- Technician*—HUGH REID (m)

Clerical Staff.

- | | |
|---------------------|---------------------|
| (n) GEORGE McLELLAN | Miss MARGARET CLARK |
| Miss HELEN STEVEN | Miss ETTA HARDIE |
| | WILLIAM GRACIE (o) |

- | | |
|---|---------------------------------|
| (a) Resigned 31/8/58 | (h) Appointed 2/2/59 |
| (b) Appointed 1/9/58 | (i) Employed 23/2/59 to 27/2/60 |
| (c) Appointed 3/12/58 | (j) Appointed 18/1/60 |
| (d) Appointed 2/2/59 | (k) Appointed 28/2/60 |
| (e) Employed 1/10/59 to 31/12/59 | (l) Resigned 26/4/59 |
| (f) Resigned 7/2/59 | (m) Appointed 12/10/59 |
| (g) Employed 2/2/59 to 6/1/60 | (n) Resigned 7/2/59 |
| (o) Transferred from School Medical Department, 14/2/59 | |

TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION COMMITTEE
OF THE COUNTY OF LANARK.

I beg to submit the biennial report on the Dental Inspection and treatment of school children in the County of Lanark for the two years ending 31st July, 1960.

One officer resigned on 31st August, 1958, namely, Mr. Anthony Chambers to enter private practice in England and four assistant dental officers were appointed during the period. Three of the appointments, namely, Miss Wilkie (now Mrs. Arthur), Mr. Farrell and Mr. Yuill were on a permanent basis and the fourth, Mr. Clyde, was on a temporary basis for an estimated period of about three years. Unfortunately for the dental department, Mr. Clyde was offered and accepted a post as lecturer in Glasgow University and left after three months' service.

Mr. Farrell and Mr. Yuill are now serving on two of the three self-propelled mobile dental units which were out of use because we did not have officers capable of driving them. Changes in personnel have reduced the effective strength from 12 officers to 10½ over the period. Absence from duty of officers through illness accounted for the loss of 274 sessions.

A dental clinic has been opened in St. Peter's R.C. P. School, Hamilton, to serve the children of the Laighstonehall Area and the clinic at St. Anne's R.C. P. School, Hamilton, is to be closed as soon as possible. There has been some delay in the other clinics approved for the Hamilton Area, i.e. permanent clinic at Brandon Street, and the temporary clinics at St. John's Grammar School and St. Cuthbert's R.C. J.S., Burnbank, but it is hoped that the next session will see the permanent clinic started and the other two completed. The clinic approved for the Health Institute, Cambuslang, is not yet completed either.

The overall picture of inspection and treatment is much the same as detailed in the last report, viz., a high percentage requiring treatment and a low percentage accepting. The main items of treatment show the correct trend in treatment in so far as extractions are down by 450, but fillings and "other treatments" are up by 2,411 and 1,443 respectively.

The orthodontic service is continuing satisfactorily. During the two-year period 205 new cases were started and 166 were completed. 246 appliances were fitted and 29 repaired.

244 dentures were supplied to school children and this included 16 full dentures. 28 gold inlays and 3 crowns were made and 8 surgical extractions were carried out. X-ray photographs for orthodontic or other reasons totalled 105. This type of work accounted for 2,113 attendances.

I give below a statement of the items of importance and Tables V and VA (Supplementary) for each year at the end of the School Health Service Report show full details of the work carried out by the staff.

Number of children inspected	...	...	...	80,749
Number of children notified as requiring treatment	...	...	Boys 33,228 Girls 30,983	64,211
Percentage requiring treatment	...	...	...	79.5
Number of children accepting treatment	...	...	...	14,981
Number of children treated	...	...	...	12,762
Number of attendances	...	...	...	47,951
		<i>Temporary</i>	<i>Permanent</i>	
		Treatment	Teeth	Teeth
Extractions	...	...	13,434	5,612
Fillings Amalgam.	...	...	1,727	20,774
Fillings Cement	...	...	1,750	2,732
Other Treatment (Scaling, etc.)	...	1,125	11,939	13,064
		Number of sessions spent on inspection—672.		
		Number of sessions spent on treatment—7,869.		

The undernoted Table and those at the end of the Report show the work carried out by each officer.

Dental Officer	No. of Children treated	Extractions Temp. Teeth	Fillings Perm. Teeth	Other Treatment Amalgam or Cement	General Anaesthetics
Mr. Gibson	...	48	91	102	20
Mrs. Owens	...	1,125	1,559	452	2,495
Miss McDonald	...	880	1,531	513	1,408
Mr. McIntyre	...	957	837	362	2,306
Mr. Westwood	...	1,122	1,022	819	2,689
Mrs. Spracklan	...	1,963	2,108	1,087	1,815
Miss MacLachlan	...	1,165	1,010	220	3,040
Mrs. Thom	...	1,636	1,858	365	3,395
Mr. Chambers	...	66	42	23	106
Mrs. Bisset	...	829	740	255	2,113
Mrs. Arthur	...	1,487	1,588	582	2,996
Mr. Farrell	...	519	186	111	1,682
Mr. Yuill	...	827	814	630	2,296
Mr. Clyde	...	138	48	91	622
		12,762	13,434	5,612	26,983
					13,064
					1,622

WILLIAM GIBSON,
Chief Dental Officer.

DENTAL DEPARTMENT,
COUNTY HEALTH OFFICES,
HAMILTON, August, 1960.

8. SPECIAL SCHOOLS AND CLASSES.

During the past year the following special schools and occupational centres continued to supply the needs of handicapped children requiring special educational treatment. These schools were :—

- Auchinraith Special School, Bothwell.
- Dalton Special School, Cambuslang.
- Drumpark Special School, Bargeddie.
- Knowetop Special School, Motherwell.
- Hamilton Occupational Centre.
- Bothwellpark Occupational Centre.
- Cambuslang Occupational Centre.
- Coatbridge Occupational Centre.
- Newmains Occupational Centre.
- Auchinraith Unit for Spastic Children.

Children, as in previous years, are picked up near their homes and conveyed to and from the schools by motor 'buses. The schools serve mainly the more densely populated areas of the County. Handicapped pupils in country districts cannot be satisfactorily dealt with until residential accommodation is completed and ready for their provision.

School meals are provided at these schools. A daily minor ailments clinic under the supervision of a school health visitor gives excellent provision for minor conditions, while the school medical officer visits each school at frequent intervals to see special scholars and keep detailed records of the health of each child.

Physically handicapped children are specially examined every six months for transfer, if physically and educationally fit, to an ordinary school. Mentally retarded children are seen at more infrequent intervals as to their ability for a higher school, but most of these require the statutory period of education in a special school until the age of 16.

The occupational centres meet a real need. In addition to training many defective children in simple habits to render them socially more able to take their place in the community, these centres give great relief to parents who have been under emotional tension for considerable periods.

Deaf-mute and educationally deaf children are educated at Auchinraith Special School as day pupils. Children outwith the range of this school are educated as residential pupils at the Royal Deaf and Dumb Institution, Edinburgh, St. Vincent's School for the Deaf, Tollcross, or Langside Deaf and Dumb Institution Glasgow.

By mutual arrangement, St. Vincent's School for the Deaf, Tollcross, is now administered by Glasgow Education Authority instead of, as formerly, partly by Glasgow and partly by Lanarkshire.

Blind and educationally blind children are educated at the Royal School for the Blind, Edinburgh, or, in the case of Roman Catholic children, at St. Vincent's School for the Blind, Tollcross, Glasgow.

Severely crippled children and those suffering from chronic disabilities, or who need convalescent treatment, are admitted to East Park Homes for Infirm Children at Glasgow and Largs.

Epileptic children, who are not mentally defective but capable of being educated, are accommodated at the Colony for Epileptics, Bridge of Weir, for Protestant Children. There is no similar Colony for the education of Roman Catholic children. More provision for housing and training these unfortunate pupils requires to be made.

There are special classes in each of the special schools for the education of children suffering from high degrees of myopia. They are admitted on the advice of the School Ophthalmic Surgeons, who also continue supervision of their defect by regular examinations. The total number of children so accommodated is 30-35.

Children who recover their health are transferred back to ordinary schools as soon as possible. Those transferred numbered 27 during the past year.

Mentally retarded children, who, after trial for a sufficient period in an occupational centre are not making any progress, are reported to the General Board of Control for Scotland.

Provision is also made for other handicapped children outwith and within the County as follows :—

PHYSICALLY HANDICAPPED CHILDREN.

		1958-59	1959-60
Castlecraig Residential School, Blyth Bridge, West Linton, Peeblesshire	... ...	10	12
Dr. Barnardo's Homes, Coltness House, Wishaw	... ... ... ...	3	6
East Park Homes for Infirm Children (Largs and Glasgow)	... ... ... ...	11	8
Moor House School, Hurst Green, Oxted, Surrey	... ... ... ...	1	1
The Colony for Epileptics, Bridge of Weir		4	3
The Trefoil Residential School, Hermiston	...	3	3
Westerlea School for Spastics, Edinburgh	...	1	1

MENTALLY HANDICAPPED CHILDREN.

Birkwood Certified Institution, Lesmahagow	9	8
Caldwell House Certified Institution, Uplawmoor	2	2
Kirklands Certified Institution, Bothwell	2	1
Lennox Castle Certified Institution, Lennoxtown	2	
St. Charles' Certified Institution, Carstairs	4	5
The Royal Scottish National Institution Larbert, Stirling	4	5
Waverley Park Certified Institution, Kirkintilloch	1	—

EMOTIONALLY DISTURBED CHILDREN.

	1958-59	1959-60
Garvald Residential School, Dolphinton, West Linton	1	2
Naemoor School, Rumbling Bridge, Kinross	2	2

DEAF AND PARTIALLY DEAF CHILDREN.

St. Vincent's School for the Deaf, Tollcross	11	11
The Royal Deaf and Dumb Institution, Edinburgh	16	14

BLIND OR PARTIALLY SIGHTED CHILDREN.

St. Vincent's Special School, Tollcross (Blind)	5	5
The Royal School for the Blind, Edinburgh	9	11

CHILDREN AT SPECIAL CLASSES OUTWITH THE EDUCATIONAL AREA.

Ashgill Special School, Glasgow	3	3
Biggart Memorial Home Classes, Prestwick	3	—
Elmvale Occupational Centre, Glasgow ...	4	4
Kennyhill Special School, Glasgow ...	1	1
Lairdsland Special School, Kirkintilloch ...	2	1
Shuttleston Occupational Centre, Glasgow ...	1	1
St. Aidan's Special School, Glasgow ...	2	—
Balgray Special School, Glasgow	—	2
Woodlands Special School, Glasgow ...	—	1
Nerston Residential School, East Kilbride	—	1

The number of children, who, in the four special schools, attained the age of 16 and left school was 91-113.

The number of children who gained employment was 55-75.

9. ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

A. SWIMMING BATHS.

As in previous years arrangements exist for the use of swimming facilities and the instruction of pupils in the art of swimming. Burgh Authorities co-operated.

B. PLAYING FIELDS.

There are playing fields now in most of the County schools.

C. HOLIDAY CAMPS AND CAMP SCHOOLS.

As mentioned in the introduction to this Report, these camps are now an excellent means of giving scholars in need from the congested areas of the County the benefit and pleasure of a holiday in the country or by the sea.

Camps were held as follows :—

1958-59	1959-60
<i>In Lanarkshire.</i>	
Biggar High School.	Biggar High School.
Douglas West P. School.	Douglas West P. School.
Leadhills P. School.	Leadhills P. School.
Lanark R.C. J.S. School.	Lanark R.C. J.S. School.
Lanark P. School.	Lanark P. School.
<i>Outwith Lanarkshire.</i>	
Findochty, Banffshire.	Bracoden, Banffshire.
Whitehills, Banffshire.	Cullen, Banffshire.
Portessie, Banffshire.	Whitehills, Banffshire.
Portsoy, Banffshire.	Banff, Banffshire.
Monifieth, Angus.	Monifieth, Angus.
Aberdour, Fife.	

Trek Camps.—Trek camps were again a feature of summer facilities 110-104 boys, 79-72 girls participating in the scheme.

Camp Schools.—During the sessions under review camp schools were conducted as follows :—

1958-59	1959-60
Belmont Camp, Meigle—September, 1958.	Belmont Camp, Meigle—September, 1959.
Dounan's Camp, Aberfoyle—October, 1958.	Dounan's Camp, Aberfoyle—October, 1959.
Middleton Camp, Gorebridge—April, 1959.	Broomlee Camp, West Linton—April, 1960.
Glengonnar Camp, Abington—May, 1959.	Glengonnar Camp, Abington—May, 1960.

D. INSTRUCTION IN PERSONAL HYGIENE.

Many opportunities occur in the ordinary curriculum enabling teachers to instruct scholars in the simple essentials of hygiene. The presence of the school nurse and her contacts with pupils also serve to promote ideas of cleanliness and positive health and medical officers take advantage of contacts with pupils (and the parent, when present) during routine examination.

10. OTHER ACTIVITIES IN RELATION TO THE HEALTH OF SCHOOL CHILDREN.

" MILK IN SCHOOLS " SCHEME.

The following table shows the average number of pupils participating in the scheme.

					1958-59	1959-60
September	...	...	...	...	76,370	77,204
October	...	...	...	...	79,816	76,774
November	...	...	...	...	69,681	71,077
December	...	...	...	...	57,074	58,949
January	...	...	...	...	60,478	59,309
February	...	...	...	...	65,393	69,923
March	...	...	...	...	60,591	81,423
April	...	...	...	...	67,024	50,276
May	...	...	...	...	68,861	71,086
June	...	...	...	...	73,966	74,562

All milk is pasteurised and Grade " A " T.T.

SCHOOL MEALS SERVICE.

The standard of accommodation for school meals continues to improve. Worthy of note is the development of the Education Committee's policy of individual school kitchens, and there are now in the County 91 schools with their own kitchens. The participation of pupils in the service remains steady at about one-third of the school roll, representing an average daily participation of approximately 30,000.

CONSULTANT SERVICE.

This Service is available by arrangement with the County Public Health Department. Expert specialist diagnosis, giving advice regarding treatment, is from time to time necessary in special cases, and we are fortunate in being able to turn to two specialists of wide experience, one a Paediatrician and one a Physician, in such cases.

Detailed reports of their findings are studied, reports sent to the Medical Officer concerned with the case and to the family doctor for information. Treatment recommended is carried out either by the family doctor or through the School Health Service.

Re-examinations are made by the Consultants when considered necessary.

The number of children referred to Consultants was 94-130.

MINIATURE MASS RADIOGRAPHY.

This service has now become the responsibility of the Senior Medical Officer for Tuberculosis and reports are given elsewhere.

11. CHILD GUIDANCE SERVICE

A separate yearly report on the above Service is submitted by the Principal Psychologist to the Health Services Sub-Committee.

NURSERY SCHOOLS.

Regular visits were paid to Nursery Schools and all the children examined by one of the School Medical Officers. Records of children's health were kept. Immunisation against diphtheria and whooping-cough was carried out.

The usual team consisting of Medical Officer, Psychologist and Headmistress interview parents and new candidates for entry. Priority need for admission is assessed on grounds of the *need of the child* for nursery education and care.

The School Health Service facilities for visual, dental, ear, nose and throat conditions were at the disposal of these schools, and minor ailments, of course, were given regular treatment by a School Nurse.

The health of the children remained satisfactory during the year.

TABLE 1. (1958-59).

Total number of children examined at

A. SYSTEMATIC EXAMINATIONS :—

Ordinary Schools	Entrants	...	...	...	...	...	8,614
	Second Age Group	...	...	...	...	...	9,050
	Third Age Group	...	...	...	...	...	7,106
Secondary Schools	Age Group						889
	Total	...	...	...	...	...	<u>25,659</u>

B. OTHER EXAMINATIONS :—

Special (Non-routine) Cases	...	...	...	...	...	2,858
Re-inspections by Medical Officers	...	...	...	...	...	1,120
Total	...	...	...	...	...	<u>3,978</u>

Number of individual children inspected at systematic (routine) examinations who were notified to parents as requiring treatment (exclusive of uncleanliness and dental caries) :—

Ordinary Schools	Entrants	...	...	...	...	...	1,304
	Second Age Group	...	...	...	...	...	1,418
	Third Age Group	...	...	...	...	...	1,043
Secondary Schools	Age Group						90
	Total	...	...	...	...	...	<u>3,855</u>

TABLE II.

SYSTEMATIC EXAMINATIONS (1958-59).

Grand total includes all children examined in Routine Age Groups and Other Systematic Examinations.

ant children not included.

TABLE III. (1958-59)

SYSTEMATIC MEDICAL EXAMINATIONS.

CLASSIFICATION.	ENTRANTS.		SECOND AGE GROUP.		THIRD AGE GROUP.		SECONDARY SCHOOLS AGE GROUP.		ROUTINE EXAMINATION TOTAL.	
	No. of Children.	Per-cent.	No. of Children.	Per-cent.	No. of Children.	Per-cent.	No. of Children.	Per-cent.	No. of Children.	Per-cent.
I. Children free from defects,	4,335	50·32	4,620	51·05	3,690	51·93	515	57·93	13,160	51·29
II. Children (otherwise free from defects) who suffer from :—										
(a) Defective Vision not worse than 6/12 in the better eye, with or without glasses ; or (b) Conditions of mouth or teeth requiring treatment, ...	—	—	884	9·77	853	12·0	133	14·96	1,870	7·29
(c) Both (a) and (b), ...	73	0·85	54	0·6	32	0·45	2	0·23	161	0·63
	—	—	13	0·14	8	0·11	—	—	21	0·08
Total, ...	73	0·85	951	10·51	893	12·56	135	15·19	2,052	8·0
III. Children suffering from ailments (other than those mentioned in II.) from which complete recovery is anticipated within a few weeks, ...	3,066	35·59	2,601	28·74	1,777	25·01	169	19·01	7,613	29·67
IV. Children suffering from defects where										
(a) Complete cure may ultimately be expected, ...	1,029	11·65	733	8·1	580	8·16	49	5·51	2,391	9·32
(b) Improvement only may be expected, ...	111	1·29	145	1·6	166	2·34	21	2·36	443	1·72
Total, ...	1,140	13·24	878	9·7	746	10·50	70	7·87	2,834	11·04
Total No. of children examined, ...	8,614	100%	9,650	100%	7,106	100%	889	100%	25,659	100%

TABLE IV. (1958-59).
RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THE AREA.

Disability.	At Ordinary Schools.	At Special Schools or Classes.	Total.	Disability.	At Ordinary Schools.	At Special Schools or Classes.	Total.
1. Blind,	—	—	—	8. Multiple Defects—			
2. Partially sighted—				(a) Mentally defective (ineducable) and physically defective ("general orthopaedic conditions") (5(b) and 7(b)).		3	3
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition,	1	22	23	(b) Mentally defective (ineducable) and epilepsy (mild) (5(b) and 6(a)).		1	1
(b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school,	9	24	33	(c) Mentally defective (ineducable) and epilepsy (severe) (5(b) and 6(b)).		4	4
3. Deaf—				(d) Mentally defective (ineducable) and blind (5(b) and 1).	...	—	—
Grade I,	270	36	306	(e) Mentally defective (educable) and physically defective ("general orthopaedic conditions") (5(a) and 7(b)) ...	...	42	42
Grade II A,	204	45	249	(f) Mentally defective (educable) and epilepsy (mild) (5(a) and 6(a)) ...		15	15
Grade II B,	6	13	19	(g) Mentally defective (educable) and epilepsy (severe) (5(a) and 6(b)) ...		—	—
Grade III,	—	63	63	(h) Mentally defective (educable) and physically defective ("other causes of ill health") (5(a) and 7(d)) ...		46	46
4. Defective Speech—				(i) Mentally defective (educable) and deaf (5(a) and 3) ...		48	48
(a) Defects of articulation requiring special educational measures,	302	143	445	(j) Mentally defective (educable) and blind (5(a) and 1) ...		—	—
(b) Stammering requiring special educational measures,	66	10	76	(k) Other multiple defects		163	163
5. Mentally Defective (Children between 5 and 16 years)—							
(a) Educable (I.Q. approximately 50-70),	31	662	693				
(b) Ineducable (I.Q. generally less than 50),	3	30	33				
6. Epilepsy—							
(a) Mild and occasional,	20	49	69				
(b) Severe (suitable for care in a residential school),	1	4	5				
7. Physically Defective (Children between 5 and 16 years)—							
(a) Non-pulmonary tuberculosis (excluding cervical glands),	7	18	25				
(b) General orthopaedic conditions,	360	135	435				
(c) Organic heart disease,	226	47	273				
(d) Other causes of ill-health,	27	221	248				

TABLE V.

DENTAL INSPECTION AND TREATMENT (1958-59).

SCHOOL MANAGEMENT AREA	NUMBERS EXAMINED.														NUMBERS NOTIFIED.	TOTAL	Percentage Requiring Treatment.	Number of Pupils Accepting Treatment.	Number of Pupils Treated	Number of Atten- dances made for Treatment.	EXTRACTIONS		FILLINGS.				OTHER TREATMENT.		Number of General Anaes- thetic Cases.	SESSIONS.																	
	5 years.		6 years.		7 years.		8 years.		9 years.		10 years.		11 years.		12 years.		13 years.		14 years.		15 years.		16 years.		17 years.		18 years.		Temp.	Perm.	Temp.	Perm.	Temp.	Perm.													
	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	Temp.	Perm.	Temp.	Perm.	Temp.	Perm.															
Area No. 1	125	—	150	—	133	—	158	—	166	—	150	—	195	—	246	—	196	—	226	—	78	—	83	—	18	—	6	—	1,930	749	646	1,395	72·3	390	237	1,110	81	48	34	691	—	29	1	440	7	134	18
.. .. 2	281	—	302	—	252	—	293	—	233	—	286	—	301	—	332	—	331	—	340	—	78	—	26	—	16	—	4	—	3,084	1,278	1,199	2,477	80·3	622	369	1,140	303	218	75	522	42	55	21	202	9	160	26
.. .. 3	593	—	565	—	572	—	562	—	552	—	630	—	630	—	453	—	288	—	364	—	64	—	—	—	—	—	—	—	5,273	2,317	2,083	4,400	83·4	1,297	1,394	4,180	1,695	730	113	1,173	74	157	137	796	200	583	49
.. .. 4	397	—	430	—	415	—	429	—	392	—	426	—	458	—	465	—	435	—	473	—	149	—	82	—	40	—	13	—	4,604	1,846	1,742	3,588	77·9	721	542	2,703	552	222	37	645	320	315	69	852	116	500	41
.. .. 5	97	—	117	—	109	—	99	—	126	—	110	—	123	—	124	—	83	—	69	—	18	—	2	—	—	—	—	—	1,077	462	446	908	84·3	386	194	787	195	97	43	355	34	33	7	205	34	115	10
.. .. 6	592	—	534	—	547	—	577	—	629	—	543	—	581	—	711	—	651	—	635	—	261	—	104	—	49	—	16	—	6,430	2,554	2,696	5,250	81·6	1,552	1,170	4,669	1,360	328	57	2,096	328	141	43	1,070	176	661 $\frac{1}{4}$	50
.. .. 7	1,120	—	1,079	—	989	—	1,079	—	1,098	—	1,232	—	1,291	—	997	—	874	—	857	—	256	—	68	—	34	—	13	—	10,987	4,332	4,211	8,543	77·7	1,561	1,105	3,772	1,229	423	267	1,652	96	139	57	737	163	672	100
.. .. 8	867	—	924	—	946	—	877	—	819	—	857	—	806	—	411	—	177	—	169	—	54	—	—	—	—	—	—	—	6,907	3,135	2,862	5,997	86·8	1,536	1,395	4,623	1,707	614	141	2,293	114	369	333	908	87	791	56 $\frac{1}{2}$
Total	4,072	—	4,101	—	3,963	—	4,074	—	4,015	—	4,234	—	4,385	—	3,739	—	3,035	—	3,142	—	958	—	365	—	157	—	52	—	40,292	16,673	15,885	32,558	80·8	8,065	6,406	22,984	7,122	2,680	767	9,427	1,008	1,238	668	5,210	792	3,616 $\frac{1}{4}$	350 $\frac{1}{2}$

TABLE Va. (Supplementary)

SUMMARY OF PROSTHETIC, ORTHODONTIC AND SPECIAL CASES (1958-59)

OFFICER	DENTURES SUPPLIED						ORTHODONTIC TREATMENT						SPECIAL CASES						
	Full Upper	Full Lower	Part Upper	Part Lower	Total	Repair	New Cases	Total Cases	Cases Completed	Appliance		Attend- ances	Inlays State Type	Crowns		Surgical Extract- ions	X-Rays		
										Fitted	Repaired			Jacket	Post		Intra Oral	Occlusal	Extra Oral
Mr. Gibson	—	—	12	—	12	—	1	8	6	6	3	45	—	—	—	—	50	8	—
Mrs. Owens	—	—	3	—	3	—	1	2	1	—	—	16	—	—	—	—	—	—	—
Miss M'Donald	—	—	6	1	7	1	13	14	6	16	4	114	—	—	—	—	—	—	—
Mr. M'Intyre	1	1	2	—	4	2	5	8	7	5	1	43	1G	—	—	—	—	—	—
Mr. Westwood	—	—	13	—	13	—	7	15	9	9	—	108	1G	1	—	—	—	—	—
Mr. Chambers	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Mrs. Arthur	—	—	17	1	18	1	14	17	3	12	—	62	1G	—	—	2	—	—	—
Mr. Farrell	—	—	3	—	3	—	6	6	2	5	—	34	2G	—	—	3	—	—	—
Mrs. Spracklan	—	—	26	1	27	4	28	44	25	39	6	276	—	—	—	—	—	—	—
Miss M'Lachlan ...	—	—	11	—	11	—	5	7	2	8	—	71	6G	—	—	—	—	—	—
Mrs. Thom	—	—	13	—	13	2	11	11	9	11	2	137	—	—	—	—	—	—	—
Mr. Yuill	—	—	3	—	3	—	5	5	2	4	—	15	—	—	—	—	—	—	—
Mrs. Bissett	—	—	2	—	2	—	3	3	1	4	—	36	—	—	—	—	—	—	—
Grand Total ...	1	1	111	4	116	11	99	140	73	119	16	957	11	1	—	5	50	8	—

TABLE VI. (1958-59).

VISUAL TREATMENT.

Showing number of children who received full ophthalmic examination, number re-examined, and the number for whom spectacles were prescribed or who were otherwise treated.

TREATMENT CENTRE.	Number of Children Examined.	Number of Children Re-examined.	Total Attendances.	Number for whom Spectacles were prescribed.	Number Treated otherwise or Advised.	Cases uncompleted and Cases not requiring Treatment.
Abington	4	9	13	2	2	—
Airdrie	182	214	396	123	34	25
Auchinraith Special School	38	29	67	29	5	4
Baillieston	102	128	230	63	34	5
Bellshill	249	451	700	164	56	29
Benhar	11	—	11	6	3	2
Biggar	19	—	19	13	3	3
Bishopbriggs	20	50	70	14	6	—
Blantyre	114	214	328	94	20	—
Cambuslang	131	253	384	124	7	—
Carlisle	37	78	115	28	4	5
Carnwath	—	—	—	—	—	—
Chrstyon	6	74	80	5	1	—
Coatbridge	279	598	877	210	30	39
Dalton Special School	14	27	41	13	1	—
Douglas	26	44	70	21	3	2
Drumpark Special School	35	31	66	27	5	3
East Kilbride	96	104	200	91	1	4
Forth	13	45	58	7	3	3
Hamilton	429	764	1,133	374	35	20
Knowetop Special School	34	73	107	29	4	1
Lanark	159	190	349	125	26	8
Larkhall	122	293	415	101	12	9
Lesmahagow	32	60	92	17	8	7
Motherwell	379	874	1,253	322	55	2
Rutherglen	91	100	191	80	4	7
Shotts	42	67	109	34	3	5
Strathaven	13	—	13	6	4	3
Uddingston	108	223	331	63	29	16
Wishaw	193	362	555	125	42	26
Total	2,978	5,295	8,273	2,310	440	328

These Clinics were conducted by the undenoted Ophthalmic Specialists :—

Dr. Samuel Galbraith.

Dr. John A. Mortimer.

Dr. James Hill.

Dr. Alfred G. Shanks.

Dr. Thomas K. Howat.

MINOR AILMENTS.

TABLE VII. (1958-59)

SHOWING (a) NUMBER OF CHILDREN TREATED AT EACH CLINIC; (b) TOTAL ATTENDANCES MADE; (c) NATURE OF AILMENT FROM WHICH THE CHILDREN SUFFERED.

TABLE VIIa. (Supplementary), 1958-59.

MINOR AILMENTS (Treatment at Emergency Clinics).

CLINIC.	EYE DISEASES.			SKIN DISEASES.			EAR DISEASES.			DISEASES OF NOSE.		
	Boys.	Girls.	Attend- ances.	Boys	Girls.	Attend- ances.	Boys.	Girls.	Attend- ances.	Boys.	Girls.	Attend- ances.
Allanton	2	5	48	12	26	539	—	2	6	—	—	—
Benhar	6	21	230	125	90	989	15	9	97	1	2	33
Carlisle	8	6	172	140	172	1,804	6	13	101	1	—	5
East Kilbride	30	67	310	265	390	1,346	1	8	38	1	2	9
Earnock	5	9	57	31	43	405	4	6	34	1	1	4
Lanark	6	3	27	8	30	241	1	2	19	—	—	—
Mobile Clinic	23	38	520	474	499	4,808	13	20	67	2	1	12
Strathaven	35	56	91	190	501	691	41	9	50	8	8	16
Townhead	20	13	257	143	115	1,618	10	7	120	1	—	3
Uddingston	12	11	205	12	46	443	—	1	1	—	—	—
TOTALS	147	299	1,917	1,390	1,912	12,884	91	77	533	15	14	82

Total number of children treated 3,875

Total number of attendances made 15,416

TABLE VIIa. (Supplementary), 1958-59.

MINOR AILMENTS (Treatment at Emergency Clinics).

CLINIC.		EYE DISEASES.			SKIN DISEASES.			EAR DISEASES.			DISEASES OF NOSE.		
		Boys.	Girls.	Attendances.	Boys	Girls.	Attendances.	Boys.	Girls.	Attendances.	Boys.	Girls.	Attendances.
Allanton	...	2	5	48	12	26	539	—	2	6	—	—	—
Benhar	...	6	21	230	125	90	989	15	9	97	1	2	33
Carlukie	...	8	6	172	140	172	1,804	6	13	101	1	—	5
East Kilbride	...	30	67	310	265	390	1,346	1	8	38	1	2	9
Earnock	...	5	9	57	31	43	405	4	6	34	1	1	4
Lanark	...	6	3	27	8	30	241	1	2	19	—	—	—
Mobile Clinic	...	23	38	520	474	499	4,808	13	20	67	2	1	12
Strathaven	...	35	56	91	190	501	691	41	9	50	8	8	16
Townhead	...	20	13	257	143	115	1,618	10	7	120	1	—	3
Uddingston	...	12	11	205	12	46	443	—	1	1	—	—	—
TOTALS	...	147	299	1,917	1,390	1,912	12,884	91	77	533	15	14	82

Total number of children treated 3,875

Total number of attendances made 15,416

TABLE 1. (1959-60).

Total number of children examined at

A. SYSTEMATIC EXAMINATIONS :—

Ordinary Schools	Entrants	...	...	...	...	...	8,918
	Second Age Group	...	...	...	...	...	8,927
	Third Age Group	...	...	...	...	...	8,756
Secondary Schools	Age Group		...	...	...	...	1,114
	Total	...	...	...	...	...	27,715

B. OTHER EXAMINATIONS :—

Special (Non-routine) Cases	...	...	...	...	...	2,383
Re-inspections by Medical Officers	...	...	...	...	...	589
Total	...	...	...	...	...	2,972

Number of individual children inspected at systematic (routine) examinations who were notified to parents as requiring treatment (exclusive of uncleanliness and dental caries) :—

Ordinary Schools	Entrants	...	...	...	...	...	1,515
	Second Age Group	...	...	...	...	...	1,532
	Third Age Group	...	...	...	...	...	1,255
Secondary Schools	Age Group		...	...	...	...	91
	Total	...	...	...	...	...	4,393

TABLE II.

SYSTEMATIC EXAMINATIONS (1959-60).

and total includes all children examined in Routine Age Groups and Other Systematic Examinations.

t children not included.

TABLE III. (1959-60)
SYSTEMATIC MEDICAL EXAMINATIONS.

CLASSIFICATION.	ENTRANTS.		SECOND AGE GROUP.		THIRD AGE GROUP.		SECONDARY SCHOOLS AGE GROUP.		ROUTINE EXAMINATION TOTAL.	
	No. of Children.	Per-cent.	No. of Children.	Per-cent.	No. of Children.	Per-cent.	No. of Children.	Per-cent.	No. of Children.	Per-cent.
I. Children free from defects,	4,095	45.92	4,216	47.23	4,667	53.3	612	54.94	13,590	49.04
II. Children (otherwise free from defects) who suffer from :—										
(a) Defective Vision not worse than 6/12 in the better eye, with or without glasses;	—	—	806	9.03	969	11.07	157	14.09	1,932	6.97
or (b) Conditions of mouth or teeth requiring treatment,	164	1.84	101	1.13	66	0.75	2	0.18	333	1.2
(c) Both (a) and (b), ...	—	—	18	0.2	13	0.15	—	—	31	0.11
Total,	164	1.84	925	10.36	1,048	11.97	159	14.27	2,296	8.28
III. Children suffering from ailments (other than those mentioned in II.) from which complete recovery is anticipated within a few weeks, ...	3,339	37.44	2,777	31.11	2,156	24.62	243	21.81	8,515	30.72
IV. Children suffering from defects where										
(a) Complete cure may ultimately be expected,	1,195	13.4	876	9.81	685	7.82	75	6.73	2,831	10.22
(b) Improvement only may be expected, ...	125	1.4	133	1.49	200	2.28	25	2.24	483	1.74
Total, ...	1,320	14.8	1,009	11.3	885	10.1	100	8.97	3,314	11.96
Total No. of children examined,	8,918	100%	8,927	100%	8,756	100%	1,114	100%	27,715	100%

TABLE IV. (1959-60).
RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THE AREA.

Disability.	At Ordinary Schools.	At Special Schools or Classes.	Total.	Disability.	At Ordinary Schools.	At Special Schools or Classes.	Total.
1. Blind,	—	—	—	8. Multiple Defects—			
2. Partially sighted—				(a) Mentally defective (ineducable) and physically defective ("general orthopaedic conditions") (5(b) and 7(b)).		3	3
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition,	5	20	25	(b) Mentally defective (ineducable) and epilepsy (mild) (5(b) and 6(a)).		3	3
(b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school,	14	23	37	(c) Mentally defective (ineducable) and epilepsy (severe) (5(b) and 6(b)).		—	—
3. Deaf—				(d) Mentally defective (ineducable) and blind (5(b) and 1).	... ...	3	3
Grade I,	299	49	348	(e) Mentally defective (educable) and physically defective ("general orthopaedic conditions") (5(a) and 7(b)) ...		53	53
Grade II A,	227	43	270	(f) Mentally defective (educable) and epilepsy (mild) (5(a) and 6(a)) ...		14	14
Grade II B,	4	17	21	(g) Mentally defective (educable) and epilepsy (severe) (5(a) and 6(b)) ...		1	1
Grade III,	—	56	56	(h) Mentally defective (educable) and physically defective ("other causes of ill health") (5(a) and 7(1)) ...		48	48
4. Defective Speech—				(i) Mentally defective (educable) and deaf (5(a) and 3)		50	50
(a) Defects of articulation requiring special educational measures,	328	150	478	(j) Mentally defective (educable) and blind (5(a) and 1)		—	—
(b) Stammering requiring special educational measures,	61	13	74	(k) Other multiple defects		185	185
5. Mentally Defective (Children between 5 and 16 years)—							
(a) Educable (I.Q. approximately 50-70),	35	654	689				
(b) Ineducable (I.Q. generally less than 50),	6	36	42				
6. Epilepsy—							
(a) Mild and occasional,	29	49	78				
(b) Severe (suitable for care in a residential school),	—	3	3				
7. Physically Defective (Children between 5 and 16 years)—							
(a) Non-pulmonary tuberculosis (excluding cervical glands),	6	15	21				
(b) General orthopaedic conditions,	369	149	518				
(c) Organic heart disease,	243	49	292				
(d) Other causes of ill-health,	9	194	203				

TABLE V.

DENTAL INSPECTION AND TREATMENT (1959-60).

SCHOOL MANAGEMENT AREA	NUMBERS EXAMINED.																				NUMBERS NOTIFIED.		TOTAL	Percentage Requiring Treatment.	Number of Pupils Accepting Treatment.	Number of Pupils Treated.	Number of Attendances made for Treatment.	EXTRACTIONS		FILLINGS.		OTHER TREATMENT.		Number of General Anaes- thetic Cases.	SESSIONS.													
	5 years.		6 years.		7 years.		8 years.		9 years.		10 years.		11 years.		12 years.		13 years.		14 years.		15 years.		16 years.		17 years.		18 years.		Total.	Boys.	Girls.	Temp.	Perm.	Temp.	Perm.	Temp.	Perm.											
	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd																		
Area No. 1	131	—	160	—	120	—	115	—	90	—	171	—	76	—	158	—	168	—	83	—	11	—	—	—	—	—	—	—	1,283	464	418	882	68.74	206	283	1,940	105	64	10	877	—	41	9	785	—	414	11	
" " 2	105	—	93	—	103	—	140	—	112	—	106	—	140	—	73	—	83	—	73	—	2	—	—	—	—	—	—	—	—	1,030	443	387	830	80.6	346	463	2,303	515	432	45	1,335	43	188	38	436	2	386	11
" " 3	579	—	605	—	577	—	536	—	507	—	525	—	584	—	369	—	204	—	174	—	54	—	—	—	—	—	—	—	—	4,714	1,043	1,908	3,851	81.7	1,035	872	2,632	990	553	48	702	22	105	66	650	149	410	40½
" " 4	624	—	778	—	709	—	626	—	667	—	624	—	639	—	572	—	303	—	218	—	60	—	4	—	—	—	—	—	—	5,824	2,105	1,977	4,082	70.1	781	599	2,219	908	311	137	595	53	126	109	618	153	392	34
" " 5	35	—	53	—	42	—	60	—	57	—	47	—	71	—	78	—	92	—	86	—	15	—	—	—	—	—	—	—	630	246	274	520	81.8	122	295	1,496	294	103	4	442	128	143	24	670	53	262	5	
" " 6	382	—	422	—	399	—	388	—	438	—	436	—	397	—	329	—	245	—	181	—	18	—	—	—	—	—	—	—	3,635	1,607	1,554	3,161	86.0	800	832	3,463	953	297	98	1,580	296	112	49	640	175	541½	30	
" " 7	1,343	—	1,303	—	1,261	—	1,104	—	1,373	—	1,332	—	1,231	—	1,269	—	1,352	—	1,311	—	442	—	272	—	126	—	44	—	13,583	5,659	4,872	10,531	77.5	1,688	1,512	5,546	1,326	511	544	2,763	99	209	74	1,529	188	929	111	
" " 8	690	—	685	—	672	—	651	—	636	—	704	—	687	—	1,311	—	1,487	—	1,325	—	455	—	245	—	152	—	82	—	9,752	4,088	3,708	7,796	70.9	1,038	1,500	5,368	1,221	661	74	3,044	101	570	88	1,401	110	618	75	
Total	3,889	—	4,099	—	3,883	—	3,620	—	3,880	—	3,945	—	3,825	—	4,159	—	3,904	—	3,271	—	1,057	—	521	—	278	—	126	—	40,457	16,555	15,098	31,653	78.2	6,916	6,356	24,967	6,312	2,032	960	11,347	742	1,494	437	6,729	830	4,252½	321½	

TABLE Va. (Supplementary)

SUMMARY OF PROSTHETIC, ORTHODONTIC AND SPECIAL CASES (1959-60)

OFFICER	DENTURES SUPPLIED						ORTHODONTIC TREATMENT						SPECIAL CASES						
	Full Upper	Full Lower	Part Upper	Part Lower	Total	Repair	New Cases	Total Cases	Cases Completed	Appliance		Attendances	Inlays State Type	Crowns		Surgical Extract-ions	X-Rays		
										Fitted	Repaired			Jacket	Post		Intra Oral	Occlusal	Extra Oral
Mr. Gibson	—	—	12	—	12	1	—	7	—	4	3	32	—	—	—	1	30	8	—
Mrs. Owens	—	—	10	1	11	2	5	—	—	4	—	27	—	—	—	—	—	—	—
Miss M'Donald	—	—	8	2	10	1	14	18	8	13	—	117	—	—	—	—	—	—	—
Mr. M'Intyre	—	—	4	—	4	3	5	6	6	5	—	50	—	—	—	—	—	—	—
Mr. Westwood	—	—	9	—	9	1	13	19	13	12	1	130	—	1	—	—	—	—	—
Mrs. Spracklan	3	2	15	2	22	3	16	34	29	23	4	203	3G	—	—	—	—	—	—
Miss M'Lachlan ...	—	—	3	—	3	—	8	9	3	9	1	72	1G	—	—	—	—	—	—
Mrs. Thom	1	—	12	—	13	2	5	6	6	4	2	112	—	—	—	—	—	—	—
Mrs. Bisset	—	—	2	—	2	—	4	4	1	—	—	17	2G	—	—	—	—	—	—
Mrs. Arthur	2	1	10	1	14	2	9	18	10	18	1	111	3G	—	—	—	—	—	—
Mr. Farrell	—	—	2	1	3	2	16	20	7	23	1	211	7G	—	1	2	—	—	—
Mr. Yuill	3	2	17	2	24	1	11	11	10	12	—	74	—	—	—	—	—	—	—
Mr. Clyde	—	—	—	—	—	—	—	—	—	—	—	—	1G	—	—	—	—	—	—
Grand Total ...	9	5	104	9	127	18	106	152	93	127	13	1,156	17	1	1	3	39	8	—

TABLE VI. (1959-60).

VISUAL TREATMENT.

Showing number of children who received full ophthalmic examination, number re-examined, and the number for whom spectacles were prescribed or who were otherwise treated.

TREATMENT CENTRE.	Number of Children Examined.	Number of Children Re-examined.	Total Attendances.	Number for whom Spectacles were prescribed.	Number Treated otherwise or Advised.	Cases uncompleted and Cases not requiring Treatment.
Abington	6	7	13	5	1	—
Airdrie	300	474	774	246	45	9
Auchinraith Special School	49	129	178	37	12	—
Baillieston	98	178	276	63	32	3
Bellshill	366	416	782	251	85	30
Benhar	39	69	108	29	10	—
Biggar	25	57	82	22	3	—
Bishopbriggs	34	34	68	23	11	—
Blantyre	81	118	199	61	20	—
Cambuslang	166	248	414	150	5	11
Carluke	50	31	81	42	8	—
Carnwath	5	13	18	5	—	—
Chryston	60	81	141	53	5	2
Coatbridge	317	735	1,052	244	44	29
Dalton Special School	33	62	95	26	7	—
Douglas	58	75	133	39	19	—
Drumpark Special School	8	68	76	5	3	—
East Kilbride	130	111	241	104	25	1
Forth	32	81	113	21	11	—
Hamilton	311	715	1,026	248	39	24
Knowetop Special School	31	100	131	27	4	—
Lanark	86	162	248	67	19	—
Larkhall	241	231	472	184	55	2
Lesmahagow	75	117	192	53	20	2
Motherwell	358	1,129	1,487	312	39	7
Rutherglen	115	120	235	106	—	9
Shotts	68	96	164	60	8	—
Strathaven	40	17	57	35	5	—
Uddingston	123	73	196	87	36	—
Wishaw	452	382	834	342	102	8
Total	3,757	6,129	9,886	2,947	673	137

These Clinics were conducted by the undenoted Ophthalmic Specialists:-

Dr. Samuel Galbraith.

Dr. Alfred G. Shanks.

Dr. James Hill.

Dr. James Winning.

Dr. Thomas K. Howat.

MINOR AILMENTS.

TABLE VII. (1959-60)

HOWING (a) NUMBER OF CHILDREN TREATED AT EACH CLINIC; (b) TOTAL ATTENDANCES MADE; (c) NATURE OF AILMENT FROM WHICH THE CHILDREN SUFFERED.

TABLE VIIa. (Supplementary), 1959-60.

MINOR AILMENTS (Treatment at Subsidiary Clinics).

CLINIC.		EYE DISEASES.			SKIN DISEASES.			EAR DISEASES.			DISEASES OF NOSE.		
		Boys.	Girls.	Attendances.	Boys	Girls.	Attendances.	Boys.	Girls.	Attendances.	Boys.	Girls.	Attendances.
Blackwood	...	8	9	128	41	64	783	3	10	88	—	2	15
Lesmahagow	...	—	16	55	16	59	471	1	8	73	1	1	9
Carlisle	...	4	18	338	110	200	1,663	6	18	232	—	3	23
Allanton	...	1	4	13	24	25	522	1	—	11	—	—	—
Lanark	...	2	1	27	10	24	114	2	2	33	—	—	—
Townhead (Cheatbridge)	...	28	23	362	121	151	1,391	4	6	46	—	—	—
Stonehouse	...	25	26	194	69	39	719	4	6	48	—	1	1
Strathaven	...	24	8	183	53	74	890	1	4	43	—	4	8
East Kilbride	...	32	50	189	127	298	1,289	9	7	17	1	—	1
Benhar	...	37	19	309	255	179	1,213	15	7	58	—	3	66
Mobile Clinic	...	26	36	523	940	1,111	9,413	33	30	164	2	1	9
Uddingston	...	27	25	375	77	98	921	1	3	16	1	1	9
Earnock (Hamilton)	...	10	21	344	75	110	1,234	9	11	56	1	3	17
TOTALS	...	224	250	3,050	1,918	2,432	20,573	89	112	885	6	19	158

Total number of children treated 5,050

Total number of attendances made 24,666

